

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069348.D
 Acq On : 04 Jun 2021 16:19
 Operator : VA/SY
 Sample : M2601-05
 Misc : 4.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-CHRT-27166

Quant Time: Jun 05 00:36:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

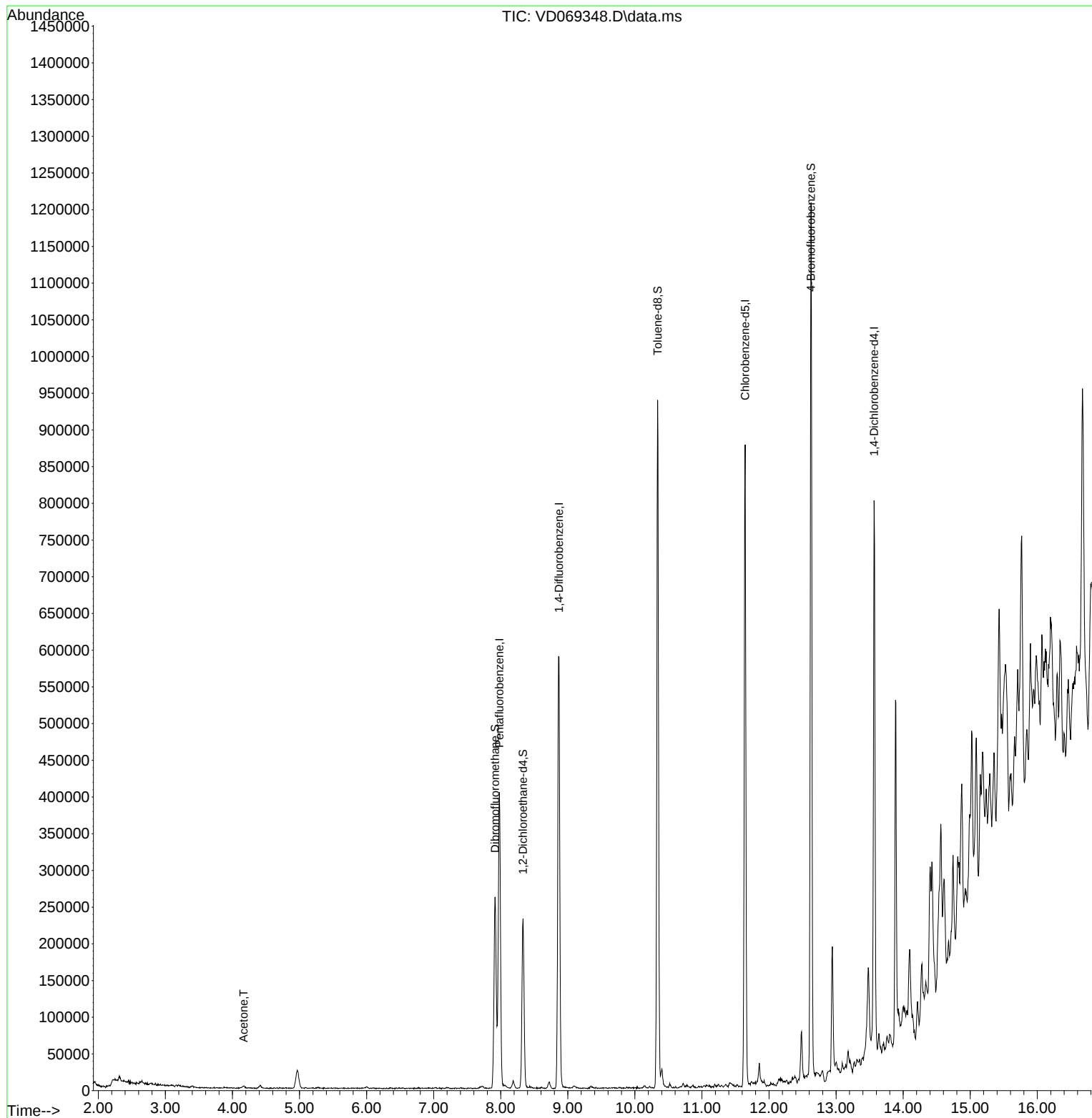
Internal Standards						
1) Pentafluorobenzene	7.979	168	301839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	539405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	519241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	205858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181236	62.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.160%	
35) Dibromofluoromethane	7.914	113	190716	56.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.600%	
50) Toluene-d8	10.338	98	650507	52.811	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.620%	
62) 4-Bromofluorobenzene	12.626	95	223179	55.295	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.600%	
Target Compounds						
16) Acetone	4.167	43	5191	10.271	ug/l	Qvalue # 84

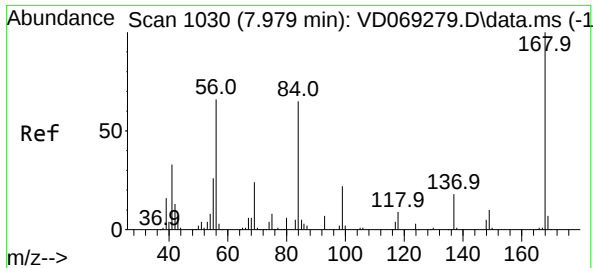
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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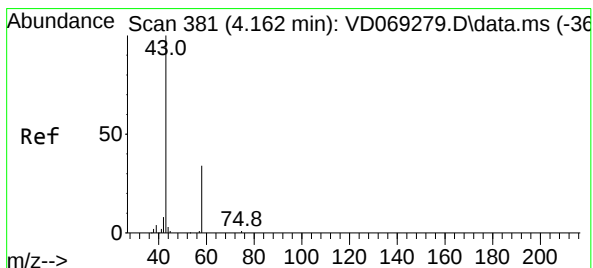
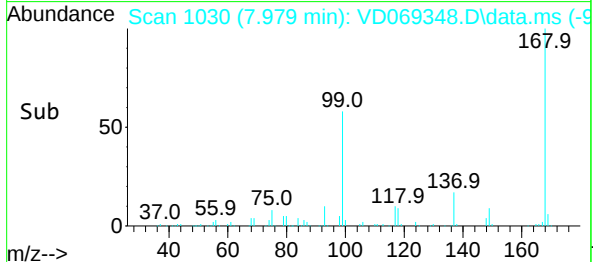
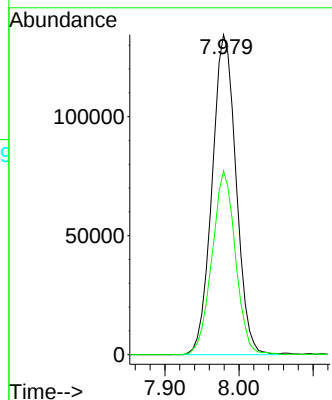
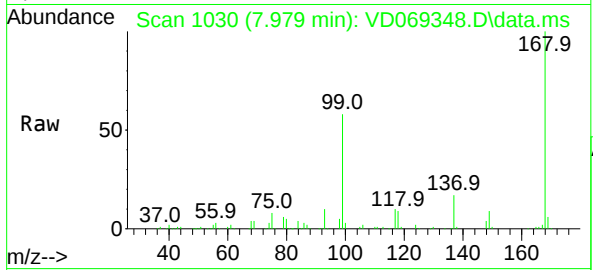




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069348.D
Acq: 04 Jun 2021 16:19

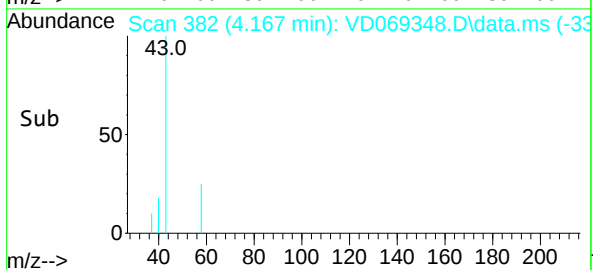
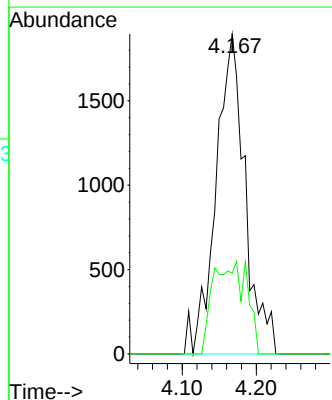
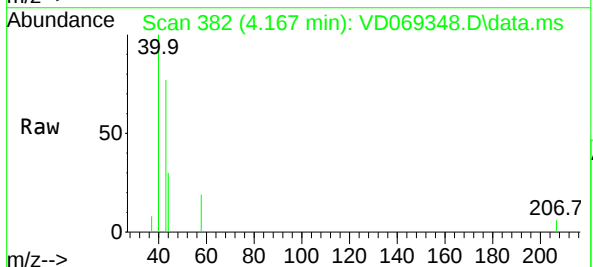
Instrument :
MSVOA_D
ClientSampleId :
RO-CHRT-27166

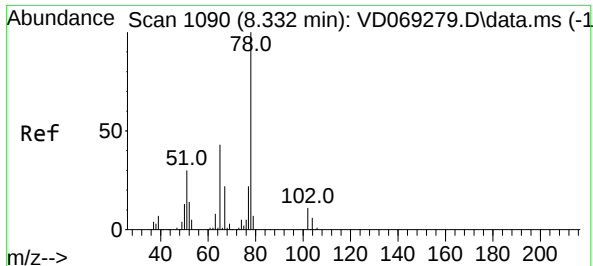
Tgt Ion:168 Resp: 301839
Ion Ratio Lower Upper
168 100
99 57.5 46.2 69.2



#16
Acetone
Concen: 10.271 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069348.D
Acq: 04 Jun 2021 16:19

Tgt Ion: 43 Resp: 5191
Ion Ratio Lower Upper
43 100
58 25.3 27.5 41.3#



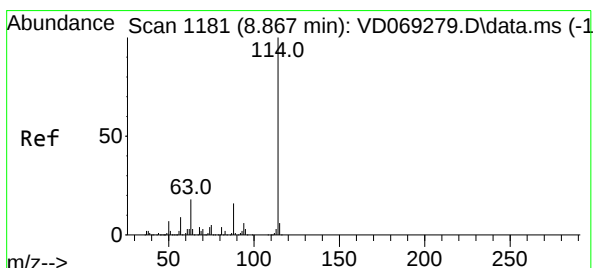
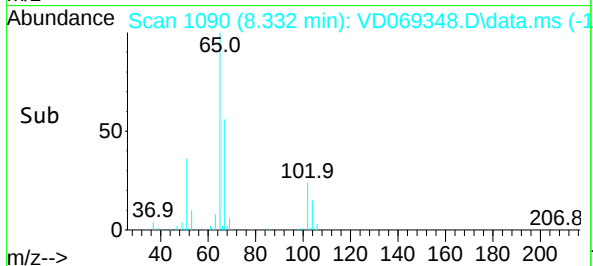
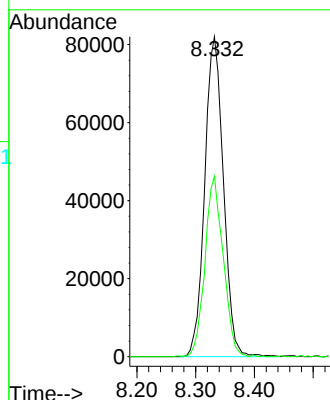
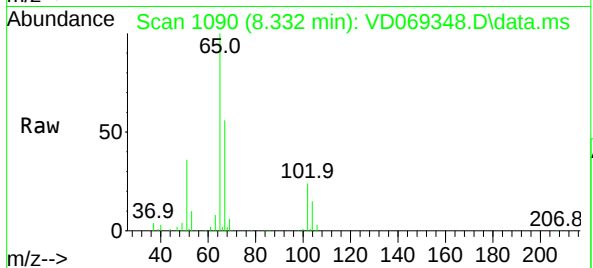


#33

1,2-Dichloroethane-d4
Concen: 62.577 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069348.D
Acq: 04 Jun 2021 16:19

Instrument :
MSVOA_D
ClientSampleId :
RO-CHRT-27166

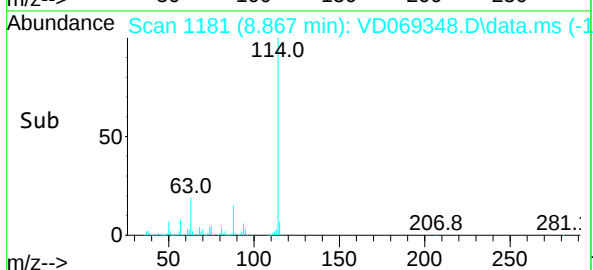
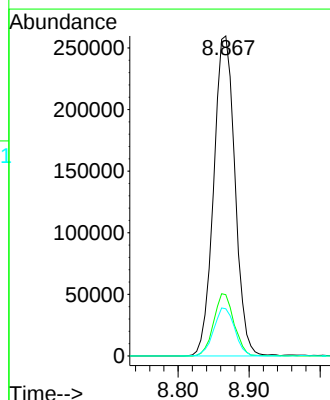
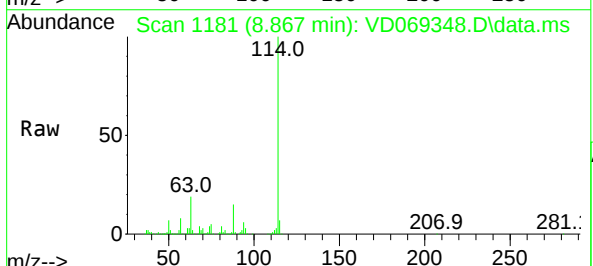
Tgt Ion: 65 Resp: 181236
Ion Ratio Lower Upper
65 100
67 55.0 0.0 105.8

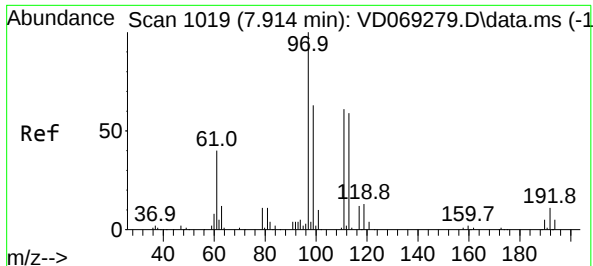


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069348.D
Acq: 04 Jun 2021 16:19

Tgt Ion: 114 Resp: 539405
Ion Ratio Lower Upper
114 100
63 19.1 0.0 35.6
88 14.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 56.303 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069348.D

Acq: 04 Jun 2021 16:19

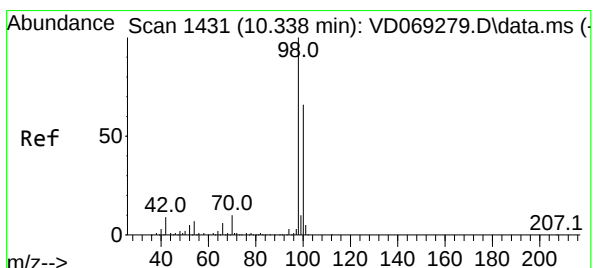
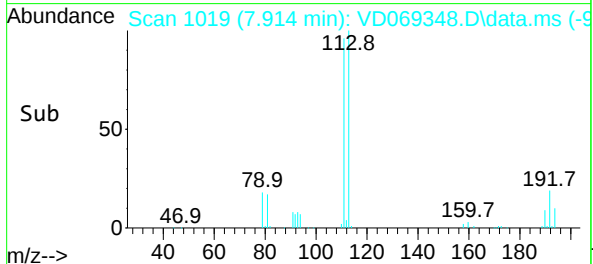
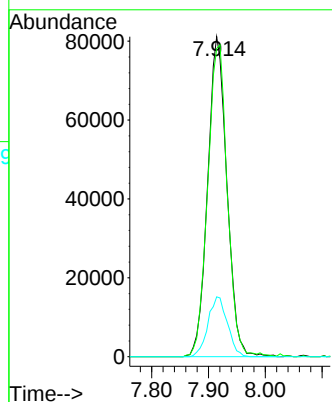
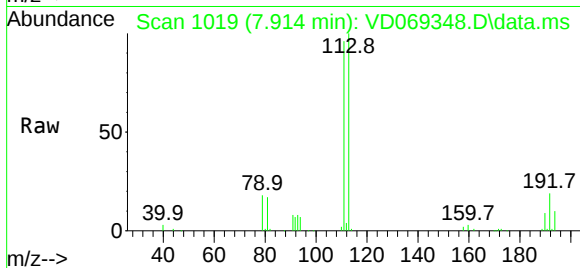
Tgt Ion:113 Resp: 190716

Ion Ratio Lower Upper

113 100

111 99.6 83.0 124.6

192 18.8 15.1 22.7



#50

Toluene-d8

Concen: 52.811 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VD069348.D

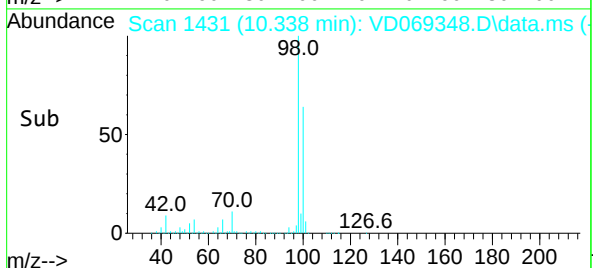
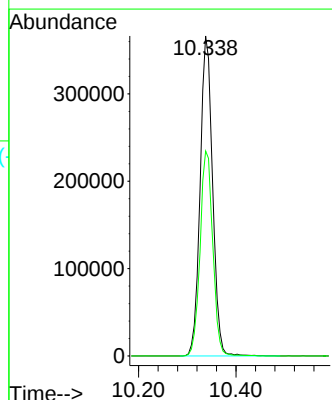
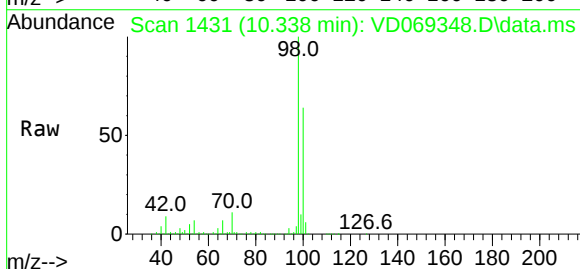
Acq: 04 Jun 2021 16:19

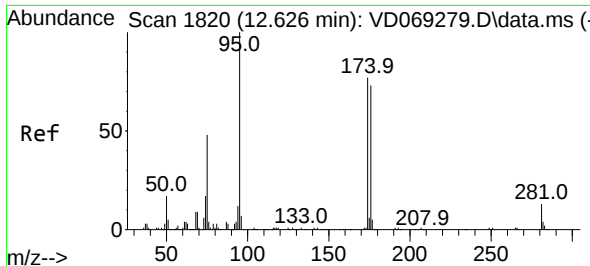
Tgt Ion: 98 Resp: 650507

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1

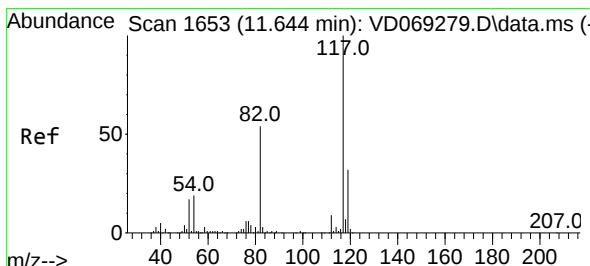
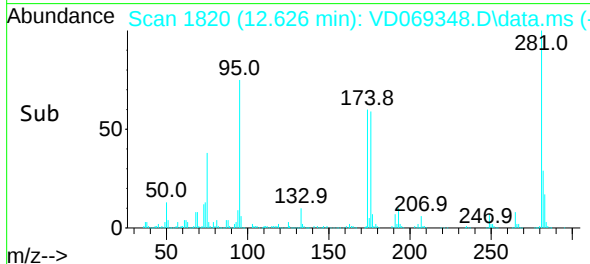
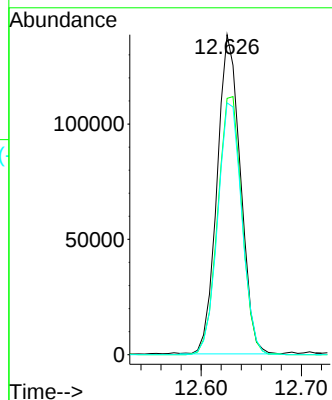
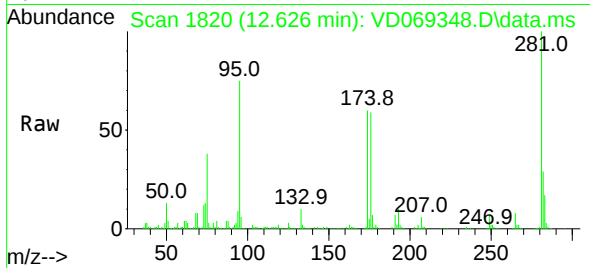




#62
4-Bromofluorobenzene
Concen: 55.295 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069348.D
Acq: 04 Jun 2021 16:19

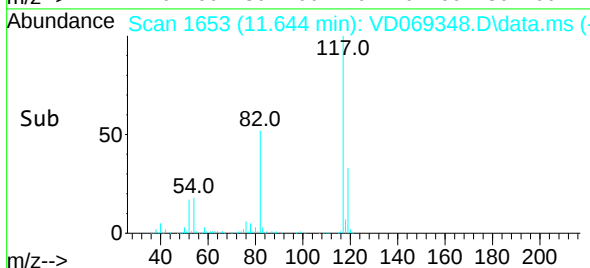
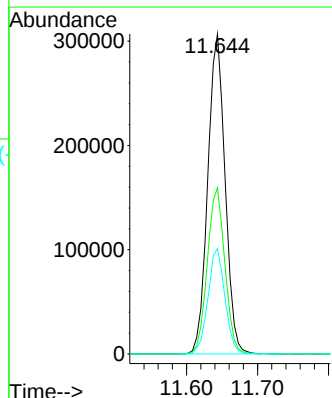
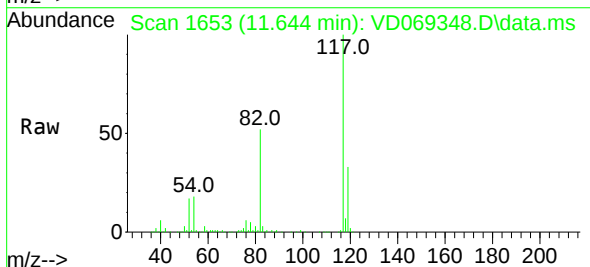
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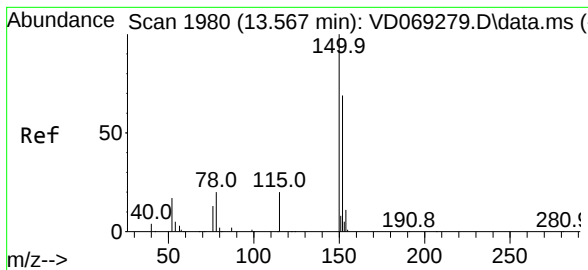
Tgt Ion: 95 Resp: 223179
Ion Ratio Lower Upper
95 100
174 83.7 0.0 162.8
176 81.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069348.D
Acq: 04 Jun 2021 16:19

Tgt Ion: 117 Resp: 519241
Ion Ratio Lower Upper
117 100
82 51.9 43.3 64.9
119 33.0 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069348.D
 Acq: 04 Jun 2021 16:19

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-CHRT-27166

Tgt Ion:152 Resp: 205858
 Ion Ratio Lower Upper
 152 100
 115 58.0 29.4 88.3
 150 158.4 0.0 355.0

